



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

JUN 05 2015

Ref: 8P-W-UIC

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Michelle Robles
Senior Regulatory Administrator
EOG Resources, Inc.
600 17th Street, Suite 1000N
Denver, Colorado 80202

RE: Underground Injection Control (UIC)
Authorization to Continue Injection
Minor Permit Modification No. 1
MAIP Decrease
EPA Permit ND22178-08799
Well: Fertile 1-12N SWD
SE/SE Section 12-T151M-R90W
Mountrail County, North Dakota
API No.: 33-061-00557

Dear Ms. Robles:

The EOG Resources, Inc. (EOG) letter with attached information was received by the Environmental Protection Agency Region 8 on May 1, 2015. The submittal regarded the April 23, 2015, Step Rate Test (SRT) on the Fertile 1-12N Class II UIC injection well. Our independent analysis concluded the fracture gradient to be 0.515 psi/ft with a respective MAIP of 549 psi. Please note that this represents a decrease from the initial MAIP of 955 psi, as identified within the Final Permit.


EOG also submitted the results of the April 16, 2015, Part I Mechanical Integrity Test (MIT) which was reviewed and approved by the EPA on April 23, 2015. The EPA has determined that the test adequately demonstrated Part I MI.

The EPA hereby authorizes continued injection into Fertile 1-12N under the terms and conditions of EPA UIC Permit ND22178-28799 at an MAIP of 549 psig. You may apply for a higher maximum allowable injection pressure at a later date. Your application should be accompanied by the interpreted results from a SRT that measures the downhole formation fracture pressure and the fracture gradient at this location.

Please note that to use a pressure greater than the MAIP of 549 psig during a SRT (or any other test), you must first receive prior written authorization from the Director.

If you have questions regarding the above action, please contact Bruce Suchomel of my staff by calling (303)312-6001 or (800)227-8917, extension 312-6001.

Sincerely,


for Darcy O'Connor

Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc:

Uintah & Ouray Business Committee
Gordon Howell Jr., Chairman
Ronald Wopsock, Vice-Chairman
Tony Small, Councilman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Bruce Ignacio, Councilman

Antonio Pingree, Superintendent
BIA - Uintah & Ouray Indian Agency

Bart Powaukee
Environmental Director
Ute Indian Tribe

Minnie Grant
Air Quality Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Utah Division of Oil, Gas, and Mining

Robin Hansen
Fluid Minerals Engineering Office
BLM - Vernal Office